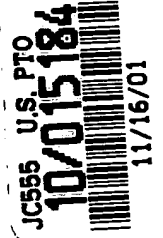


PATENT  
1718-0194P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: ZHOU, Xiao-Xiong et al. Conf.:  
Appl. No.: NEW Group: Unknown  
Filed: November 16, 2001 Examiner: UNKNOWN  
For: PRODRUGS



INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Assistant Commissioner for Patents  
Washington, DC 20231

November 16, 2001

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).  
09/249,317

U.S. Filing Date(s)  
February 12, 1999

III. FEES

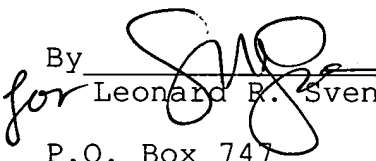
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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for Leonard R. Svensson, #30,330  
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Falls Church, VA 22040-0747  
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LRS/lmt  
1718-0194P

Enclosures: ☒ PTO-1449  
☐ References  
☐ Foreign Search Report  
☐ Other:

(Rev. 09/26/01)

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
1718-0194PAPPLICATION NO.  
NEWAPPLICANT  
ZHOU, Xiao-Xiong et al.FILING DATE  
November 16, 2001

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5	3	7	6	6	4	9	1994-12-27	Pohjala, E et al.			
	5	6	1	8	8	0	4	1997-04-08	Kawabe, N et al.			
	4	3	0	9	3	6	4	1982-01-05	Bentzen, C et al			
	4	9	4	2	1	5	7	1990-07-17	Gall, R et al			
	5	6	2	4	9	1	7	1997-04-29	Kitano, K et al			
	3	7	0	5	1	9	1	1972-12-05	Kerst, A F			
	4	7	6	0	0	5	7	1988-07-26	Alexander, J			
	4	9	6	3	6	6	2	1990-10-16	Matthes, E et al			
	5	0	0	1	1	1	5	1991-03-19	Sloan, K B			
	5	0	7	3	6	4	1	1991-12-17	Bundgaard, H et al			
	5	1	9	8	5	3	9	1993-03-30	Rahim, S et al			
	5	4	6	6	8	1	1	1995-11-14	Alexander, J			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO
	WO	9	8	4	6	5	76	1998-10-22	WIPO				
	WO	9	0	0	8	1	28	1990-07-26	WIPO				
	WO	9	5	1	4	0	16	1995-05-26	WIPO				
	WO	9	6	2	1	4	40	1996-07-18	WIPO				
	WO	9	6	2	2	3	03	1996-07-25	WIPO				
	WO	9	7	2	7	1	94	1997-07-31	WIPO				
	WO	9	4	2	4	1	34	1994-10-27	WIPO				X
	EP	0	6	9	4	5	47A2	1996-01-31	EPO				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

	Tetrehedron Letters, 30(51) 1989, 7141-44, Iyer, R et al "Synthesis of Acyloxyalkyl Acylphosphonates .."
	J Med Chem 39(1) 1996, 10-18, Robinson, R et al "Discovery of the Hemifumarate and .."
	International J of Pharmaceutics 104(1994) 157-67, Walker, I et al. "Drug delivery via active transport at the blood-brain barrier: affinity .."
	Abstract of WO 98/11126, September 9, 1997, Larsen, B et al. "Peptide prodrugs containing an alpha-hydroxyacid linker"

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)								ATTY DOCKET NO. 1718-0194P		APPLICATION NO. NEW	
								APPLICANT ZHOU, Xiao-Xiong et al.			
								FILING DATE November 16, 2001		GROUP	

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4	4	8	6	4	2	5	1984-12-04	Nakao, H			
	4	9	5	7	9	2	4	1990-09-18	Beauchamp, L			
	5	5	4	3	4	1	4	1996-08-06	Nestor, J et al			
	5	4	8	4	9	1	1	1996-01-16	Hong, C et al			
	5	2	2	7	5	0	6	1993-07-13	Saari, W et al			
	4	5	9	4	1	9	9	1986-06-10	Thottathil, J			
	4	3	3	7	2	0	1	1982-06-29	Petrillo, Jr E.			
	4	1	6	8	2	6	7	1979-09-18	Petrillo, Jr E.			
	5	7	1	7	0	9	5	1998-02-10	Arimilli, M et al			

FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO
	WO	9	2	1	3	5	61	1992-08-20	WIPO				
	WO	9	8	2	1	2	23	1998-05-22	WIPO				
	WO	9	7	3	0	0	51	1997-08-21	WIPO				
	EP	0	3	7	5	3	29A2	1990-06-27	EPO				
	WO	8	9	0	3	8	37	1989-05-05	WIPO				
	DE	2	1	1	2	0	57	1971-09-23	DE				X
	WO	8	8	0	0	0	50	1988-01-14	WIPO				
	WO	9	5	3	2	9	84	1995-12-07	WIPO				

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, etc.)

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